

Part 3. Implementation Plan & CEQA

Implementation Plan Structure

- 1. Regulatory actions for Point and Nonpoint source discharges**
- 2. Other actions by San Diego Water Board**

California Environmental Quality Act Requirements

- **San Diego Water Board must comply with CEQA when amending the Basin Plan**

Types of Discharges

- **Point source (MS4s)**
 - **Municipal (Phase I, Phase II)**
 - **Caltrans**
- **Nonpoint source**
 - **Agricultural operations**
 - **Dairy/Intensive livestock**
 - **Horse ranches**
 - **Manure composting/soil amendment operations**
 - **Nurseries**

Regulatory Actions for Point Sources

- *Primary* regulatory mechanism is increased regulation of MS4 discharges from Phase I municipalities
- Also regulation of discharges from Caltrans, Phase II MS4s



Responsible Parties: Watershed Approach

- **Municipalities in each watershed collectively responsible for meeting TMDL requirements**
- **Lead Jurisdictions named in Technical Report**
 - **Based on jurisdiction with largest land area**

How are Point Sources Regulated?

- California -- Point sources regulated by WDRs implementing NPDES regulations
 - a.k.a. “permits”
- Contain:
 - Technology Based Effluent Limits (TBELs)
OR
 - Water Quality Based Effluent Limits (WQBELs)

How are TMDL Wasteload Allocations Implemented?

- **NPDES requirements (permits) must be re-issued or revised to include WQBELs consistent with WLAs**
 - **BMP program**
 - **Compliance schedule**
 - **Annual progress reports**

Specific Actions to Incorporate TMDL Wasteload Allocations

- Enforce provisions of *Receiving Water Limitation C.2* of Orders 2001-01 (San Diego County) and 2002-0001 (Orange County)
- Re-issue or revise Order 2001-01 to incorporate WQBELs
- Re-issue or revise Order 2002-0001 to incorporate WQBELs

**Adoption of regulatory mechanisms is
separate from TMDL adoption**

Compliance Schedule

Compliance Year (year after OAL approval)	Required Wasteload Reduction		
	Priority 1	Priority 2	Priority 3
1			
2			
3			
4			
5	50% (Interim REC-1)		
6		50% (Interim REC-1)	
7			50% (Interim REC-1)
8			
9			
10	100% (Interim REC-1)	100% (Interim REC-1)	100% (Interim REC-1)
11			
12	100% (Final REC-1, SHELL)	100% (Final REC-1, SHELL)	100% (Final REC-1, SHELL)

Reporting Requirements

- Submittal of *Bacteria Load Reduction Plan*
 - Describes BMP implementation, water quality monitoring plan
- Submittal of annual monitoring reports
 - Assess effectiveness of *Bacteria Load Reduction Plan*

Other Point Source Dischargers: Caltrans

- Process for re-issuance of NPDES requirements similar to municipal dischargers
- NPDES requirements renewed at State Board level



Other Point Source Dischargers: Phase II MS4s

- Required to submit Notice of Intent to comply with requirements of Order 2003-0005-DWQ



Regulatory Actions for Nonpoint Sources

- Applicable to San Juan, San Luis Rey, San Marcos Creek, San Dieguito watersheds
- Enforce WDRs
- Enforce Waivers of WDRs
- Third Party agreements



Other Water Board Actions

- **Enforcement actions**
- **Recommend grant funding for TMDL related projects**
- **Consider adoption of a Basin Plan Amendment to permanently incorporate Reference System Approach**

Basin Plan Amendment

- Currently in progress to incorporate Reference System Approach to account for natural sources



California Environmental Quality Act Requirements

- Impacts of most reasonably foreseeable method(s) of compliance
 - Environmental
 - Economic

Methods of Compliance

- **Structural/Nonstructural BMPs**
- **Structural/Nonstructural management measures**



Environmental Review

- **Potentially significant impacts from:**
 - **Construction and/or operation activities associated with implementing structural controls**

Economic Analysis

- **Potential (not actual) costs identified**
- **Costs of common BMPs determined for each watershed**

Project Schedule

December 9, 2005	Draft Technical Report released
February 8, 2006 (February 2, 2006)	Written comments due (Comments due for inclusion with Board members' materials)
February 8, 2006	Public Hearing
TBD	Deliberate and consider TMDL adoption

Contact Information

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